GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:2316
ANSWERED ON:06.03.2003
USE OF NCES
CHANDRAKANT BHAURAO KHAIRE

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the percentage of population using non-conventional energy;

(b) the sources of non-conventional energy being utilized on large scale;

(c) the amount spent by the Government on the development of non-conventional energy during the last three years; and

(d) the outcome thereof?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a)&(b): Biomass, solar, wind and small hydro are the major sources of non-conventional energy. While major applications of wind and small hydro pertain to generation of grid quality power, biomass and solar energy are used mainly in decentralized stand-alone applications for meeting the energy requirements of households. A major percentage of the population uses biomass for cooking purposes.

(c) & (d): A total amount of Rs.1151.98 crores has been utilized by the Ministry for the development and promotion of various non-conventional energy programmes during the last three years, i.e., 1999-2000 to 2001-02. Details of achievements made under various programmes during last three years are given in Anneuxre.

PROGRAMME-WISE CUMULATIVE PHYSICAL ACHIEVEMENTS DURING LAST THREE YEARS, i.e., 1999-2000 to 2001-02

Sl. No.	Programmes	Unit	Achievement
1	Biogas Plant	No. in lakhs	5.05
2	Community/Institutional/Night Soil based Biogas	Nos.	1229
3	Improved chulha	No. in lakhs	51.8
4	Integrated Rural Energy Programme	No.of Blocks	860
5	Energy Park	Nos.	108
6	Solar Phtovoltaic Programme (SPV)		
	SPV Home Light	Nos	115298
	SPV Lantern	Nos.	206076
	SPV Street Lighting System	Nos.	8772
	SPV Power Plant	kWp	354
7	SPV Pump	Nos.	1533
8	Solar Thermal Energy Programme		
	Solar Water Heating System	Sq.m. collector area	83100
	Solar Cooker	Nos.	41000
9	Wind Pump	Nos.	224
10	Hybrid System	kW	74.8
11	Wind power	MW	604.4
12	Small Hydro (upto 25 MW)	MW	229.08
13	Biomass Power	MW	210.3
14	SPV Power	MW	0.975
15	Biomass/ Gasifier	MW	20.92
16	Waste to Energy Programme	MW	15.2
17	Village Electrification Programme	No. of villages	341

MW = Megawatt;
kW = Kilowatt;
kWp = Kilowatt peak